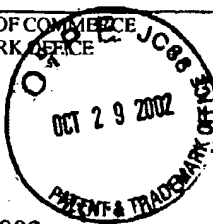


FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 010362	SERIAL NO. 09/881,868
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	APPLICANT Krishnan, et al.	
DATE MAILED: October 24, 2002	FILING DATE June 15, 2001	GROUP 2131



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
MM	A1	5 1 0 3 4 5 9	04/07/92	Gilhousen, et al.			
MM	A2	6 1 2 4 7 9 9	09/26/00	Parker			
MM	A3	6 1 3 8 0 0 5	10/24/00	Park			
	A4						
	A5						

RECEIVED

OCT 31 2002

## FOREIGN PATENT DOCUMENTS

Technology Center 2100

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
MM	B1	0 8 2 2 7 3 0	02/04/98	EP	NEC Corporation		
MM	B2	0 6 5 7 8 7 3	12/02/94	EP	Hitachi Denshi Kabushiki		
	B3						
	B4						
	B5						
	B6						
	B7						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

MM	C1	Yasukawa, H. "Spectrum Broadening of Telephone Band Signals Using Multirate Processing for Speech Quality Enhancement" IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, Institute of Electronics Information and Comm. Eng. Tokyo, JP., Vol. E78-A:8. Pgs. 996-998 (1995).
	C2	
EXAMINER	DATE CONSIDERED 6/24/04	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY